



# Agriculture Across Michigan

## Acreage Summary

Michigan farmers planted fewer corn acres and more soybean acres in 2022 than they did in 2021. The 2022 planting season started slow due to cold, wet conditions in April and early May but by mid-May planting progress had caught up to the 5-year averages.

Michigan corn growers planted 2.25 million acres, down 100,000 from last year. Harvested acres of corn for grain were set at 1.89 million acres, also down 100,000 from last year.

Michigan soybean growers planted 2.25 million acres, up 100,000 acres from last year. Growers expect to harvest 2.23 million acres of soybeans in 2022.

Winter wheat growers planted 470,000 acres in Michigan, down 140,000 acres from 2021. Harvested acres of winter wheat for grain are anticipated to be 425,000 acres, down 135,000 acres from last year.

### Area Planted and Harvested, Yield, and Production by Crop – Michigan and United States: 2021 - 2022

Commodity	Michigan		United States	
	2021	2022	2021	2022
Beans, dry .....				
Planted .....	1,000 acres	1,000 acres	1,394.0	1,281.0
Harvested .....	1,000 acres	1,000 acres	1,335.6	1,234.3
Corn, all .....				
Planted .....	1,000 acres	1,000 acres	93,357	89,921
Corn, grain .....				
Harvested .....	1,000 acres	1,000 acres	85,388	81,940
Hay, alfalfa .....				
Harvested .....	1,000 acres	1,000 acres	15,246	15,465
Hay, other .....				
Harvested .....	1,000 acres	1,000 acres	35,490	36,042
Oats .....				
Planted .....	1,000 acres	1,000 acres	2,550	2,392
Harvested .....	1,000 acres	1,000 acres	650	796
Soybeans .....				
Planted .....	1,000 acres	1,000 acres	87,195	88,325
Harvested .....	1,000 acres	1,000 acres	86,332	87,511
Sugarbeets .....				
Planted .....	1,000 acres	1,000 acres	1,160.0	1,178.4
Harvested .....	1,000 acres	1,000 acres	1,107.6	1,146.1
Wheat, winter .....				
Planted .....	1,000 acres	1,000 acres	33,648	34,006
Harvested .....	1,000 acres	1,000 acres	25,464	25,002

## July 1 Small Grains Forecast

Michigan's 2022 winter wheat production is forecast at 33.6 million bushels. This report is based on conditions as of July 1, 2022. Some highlights of the Crop Production Report follow:

The Michigan winter wheat yield is forecast at 79 bushels per acre, unchanged from the previous month but down 2 bushels from last year. As of June 26, fifteen percent of the crop was mature, 1 point above the 5-year average. The crop

was in worse condition than last year with 48 percent of the crop rated in good to excellent condition compared with 59 percent at the same time last year.

Oat yield in Michigan is forecast at 59 bushels per acre, down 4 bushels from last year. As of June 26, sixty-four percent of the crop was rated in good to excellent condition, compared with 46 percent last year. The crop was 44 percent headed on June 26, two points above the 5-year average.

## May Agricultural Prices

Prices received by Michigan farmers for the full month of May 2022 are listed in the table below. Some Michigan highlights were May corn, at \$7.01 per bushel, increased \$0.21 from April and increased \$1.16 from last year; May soybeans, at \$16.60 per bushel, increased \$0.10 from last

month and increased \$2.00 from last year; May wheat, at \$9.37 per bushel, increased \$1.07 from April and increased \$3.00 from last year; May milk, at \$26.50 per cwt., increased \$0.10 from last month and increased \$8.40 from last year.

### Prices Received by Farmers<sup>1</sup> - Michigan and United States: May 2022 with Comparisons

Commodity	Michigan			United States		
	May 2021	Apr 2022	May 2022	May 2021	Apr 2022	May 2022
Beans, dry edible ..... dollars/cwt	44.90	51.20	54.10	41.10	50.20	51.50
Corn ..... dollars/bu	5.85	6.80	7.01	5.91	7.08	7.26
Hay, alfalfa ..... dollars/ton	200.00	190.00	190.00	194.00	243.00	244.00
Hay, other ..... dollars/ton	155.00	130.00	125.00	140.00	142.00	143.00
Oats ..... dollars/bu	(D)	(D)	7.00	3.42	6.48	6.35
Soybeans ..... dollars/bu	14.60	16.50	16.60	14.80	15.80	16.10
Wheat, winter ..... dollars/bu	6.37	8.30	9.37	6.55	9.84	10.50
Milk, all ..... dollars/cwt	18.10	26.40	26.50	19.10	27.10	27.30

(D) Withheld to avoid disclosing data for individual operations.

<sup>1</sup> Entire month weighted average price.

## Biotechnology Varieties

The vast majority of corn and soybeans planted in Michigan continue to be varieties containing genetic modification. Biotechnology varieties accounted for 94 percent of the corn acres planted in Michigan, up 3 percentage points from last year. Soybean plantings included 93 percent biotechnology varieties, unchanged from last year.

Nationally, ninety-three percent of this year's corn acreage was planted with biotechnology seed varieties, the same as last year. Biotechnology seed includes traits for insect resistance (Bt), herbicide resistance, or stacked gene which contains traits for both herbicide and insect resistance.

The data is based on responses from the June Agricultural Survey. Farmers were asked if they planted corn or soybeans that, through biotechnology, are resistant to herbicides, insects, or both. Conventionally bred herbicide resistant varieties are excluded. Insect resistant varieties include only those containing *bacillus thuringiensis* (Bt). The Bt varieties include those that contain more than one gene that can resist different types of insects. Stacked gene varieties include only those containing biotech traits for both herbicide and insect resistance.

## June 1 Grain Stocks

On June 1, 2022, Michigan corn stocks totaled 113 million bushels, 40 percent higher than a year earlier. About 48 percent of the corn was stored on farms. The third quarter disappearance was 59.6 million bushels, compared with 75.4 million bushels a year earlier. Soybean stocks on June 1, 2022, were 25.5 million bushels. That was 20 percent higher than stocks a year earlier. Farm stocks of soybeans were 5.50 million bushels. The third quarter indicated disappearance was 27.5 million bushels compared with 24.5 million bushels a year ago. Wheat stocks on June 1, 2022, were 15.0 million bushels, 9 percent above a year ago. Fourth quarter indicated disappearance was 10.4 million bushels, compared with 9.46 million bushels last year.

## Chickens and Eggs

All layers in Michigan totaled 17.1 million during May, up 15 percent from a year ago. Egg production totaled 434 million eggs, up 17 percent from last year. The rate of lay during May was 2,544 eggs per 100 layers. All layers in the

U.S. totaled 366.0 million during May, down 5 percent from a year ago. There were 22.6 million turkey poults hatched in the U.S. in May, up 8 percent from the previous year.

### Egg and Hatchery Production - Michigan and United States: May 2021 and 2022

Item	2021	2022	Percent Change
<b>Michigan</b>			
All layers .....thousand	14,810	17,055	15
Eggs per hundred layers ..... number	2,504	2,544	2
Eggs produced ..... million	371	434	17
<b>U.S.</b>			
All Layers .....thousand	385,222	365,964	-5
Eggs per hundred layers ..... number	2,410	2,453	2
Eggs produced ..... million	9,284	8,978	-3
Turkey Eggs in incubators, Jun 1 .....thousand	25,961	26,074	0
Turkey Poults hatched, May .....thousand	20,912	22,604	8

## June Hogs and Pigs

Michigan's total hog and pig inventory on June 1 was estimated at 1.19 million head, down 20,000 head from a year ago. Breeding hog inventory, at 110,000 head, was down 5,000 from last June. Market hog inventory, at 1.08 million head, was down 1 percent from last year. The average pigs saved per litter for the March to May quarter was 10.80, compared to 10.70 from the same period last year.

United States inventory of all hogs and pigs on June 1, 2022 was 72.5 million head. This was down 1 percent from June 1, 2021, and down slightly from March 1, 2022. Breeding inventory, at 6.17 million head, was down 1 percent from last year, but up 1 percent from the previous quarter. Market hog inventory, at 66.4 million head, was down 1 percent from last year, and down slightly from last quarter.

### Hog Inventory and Farrowings – Michigan and United States: June 1, 2021 and 2022

Hogs and pigs	Michigan			United States		
	2021	2022	Change	2021	2022	Change
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Breeding .....	115	110	-4	6,220	6,168	-1
Market .....	1,095	1,080	-1	66,933	66,356	-1
Under 50 pounds .....	330	320	-3	21,354	21,083	-1
50-119 pounds .....	290	295	2	18,919	18,811	-1
120-179 pounds .....	220	230	5	13,830	13,737	-1
180+ pounds .....	255	235	-8	12,829	12,725	-1
Total .....	1,210	1,190	-2	73,153	72,524	-1
Sows farrowed, Mar-May .....	50	51	2	3,034	2,992	-1
Pigs per litter, Mar-May .....	10.70	10.80	1	10.95	11.00	0
Pig crop, Mar-May .....	535	551	3	33,233	32,905	-1
Sows farrowing, Jun-Aug <sup>1</sup> .....	53	53	0	3,050	3,019	-1
Sows farrowing, Sep-Nov <sup>1</sup> .....	50	51	2	3,049	3,007	-1

<sup>1</sup> Intentions for 2022.

## May Milk Production

Dairy herds in Michigan produced 1.021 billion pounds of milk during May, down 1.7 percent from a year ago. Production per cow in Michigan averaged 2,390 pounds for May, 55 pounds above May 2021. The dairy herd was estimated at 427,000 head for May, down 18,000 head from a year earlier. The average price of milk sold in May by Michigan dairy producers was \$26.50 per cwt., \$8.40 more than the price in May 2021.

### Milk Cows, Production, and Price – Michigan: May 2021 and 2022

Item	2021	2022
Cows ..... 1,000 hd	445	427
Milk per cow ..... lbs/month	2,335	2,390
Production ..... mil lbs	1,039	1,021
Milk price, all ..... dol/cwt	18.10	26.50
Fat test ..... pct	3.84	3.90
Protein <sup>1</sup> ..... pct	3.15	3.17

<sup>1</sup> FMO 33

## Thank You to our Data Providers

The USDA, NASS, Great Lakes Region and enumerator staff are pleased to provide you and the Michigan agricultural industry with current, reliable information as summarized in the following articles. This service is possible because you and other respondents provided us with timely survey responses. Thank you!